



ATTORNEY DOCKET NO. 14014.0347U3

SEQUENCE LISTING

<110> The Government of the United States, as represented by the Secretary, Dept. of Health and Human Services

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Sarobe, Pablo
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<120> MODIFIED HCV PEPTIDE VACCINES

<130> 14014.0347/P

<150> 60/097,446
<151> 1998-08-21

<160> 8

<170> FastSEQ for Windows Version 3.0

<210> 1
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223>Description of Artificial Sequence:/Note =
synthetic construct

<400> 1
Asp Leu Met Gly Tyr Ile Pro Ala Val
1 / 5

<210> 2
<211> 191
<212> PRT
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<220>
<223>Description of Artificial Sequence:/Note =
synthetic construct

<400> 2
Met Ser Thr Asn Pro Lys Pro Gln Lys Lys Asn Lys Arg Asn Thr Asn
1 5 10 15
Arg Arg Pro Gln Asp Val Lys Phe Pro Gly Gly Gly Gln Ile Val Gly
20 25 30
Gly Val Tyr Leu Leu Pro Arg Arg Gly Pro Arg Leu Gly Val Arg Ala
35 40 45
Thr Arg Lys Thr Ser Glu Arg Ser Gln Pro Arg Gly Arg Arg Gln Pro
50 55 60
Ile Pro Lys Ala Arg Arg Pro Glu Gly Arg Thr Trp Ala Gln Pro Gly

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65

70

75

80

Tyr Pro Trp Pro Leu Tyr Gly Asn Glu Gly Cys Gly Trp Ala Gly Trp
85 90 95
Leu Leu Ser Pro Arg Gly Ser Arg Pro Ser Trp Gly Pro Thr Asp Pro
100 105 110
Arg Arg Arg Ser Arg Asn Leu Gly Lys Val Ile Asp Thr Leu Thr Cys
115 120 125
Gly Phe Ala Asp Leu Met Gly Tyr Ile Pro Ala Val Gly Ala Pro Leu
130 135 140
Gly Gly Ala Ala Arg Ala Leu Ala His Gly Val Arg Val Leu Glu Asp
145 150 155 160
Gly Val Asn Tyr Ala Thr Gly Asn Leu Pro Gly Cys Ser Phe Ser Ile
165 170 175
Phe Leu Leu Ala Leu Leu Ser Cys Leu Thr Val Pro Ala Ser Ala
180 185 190

<210> 3

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223>Description of Artificial Sequence:/Note =
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<400> 3

Asp Leu Met Gly Tyr Ile Pro Leu Val
1 5

<210> 4

<211> 191

<212> PRT

<213> Artificial Sequence

<220>

<223>Description of Artificial Sequence:/Note =
synthetic construct

<400> 4

Met Ser Thr Asn Pro Lys Pro Gln Lys Lys Asn Lys Arg Asn Thr Asn
1 5 10 15
Arg Arg Pro Gln Asp Val Lys Phe Pro Gly Gly Gln Ile Val Gly
20 25 30
Gly Val Tyr Leu Leu Pro Arg Arg Gly Pro Arg Leu Gly Val Arg Ala
35 40 45
Thr Arg Lys Thr Ser Glu Arg Ser Gln Pro Arg Gly Arg Arg Gln Pro
50 55 60
Ile Pro Lys Ala Arg Arg Pro Glu Gly Arg Thr Trp Ala Gln Pro Gly
65 70 75 80
Tyr Pro Trp Pro Leu Tyr Gly Asn Glu Gly Cys Gly Trp Ala Gly Trp
85 90 95
Leu Leu Ser Pro Arg Gly Ser Arg Pro Ser Trp Gly Pro Thr Asp Pro
100 105 110

Arg Arg Arg Ser Arg Asn Leu Gly Lys Val Ile Asp Thr Leu Thr Cys
115 120 125

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Gly Phe Ala Asp Leu Met Gly Tyr Ile Pro Leu Val Gly Ala Pro Leu
130 135 140
Gly Gly Ala Ala Arg Ala Leu Ala His Gly Val Arg Val Leu Glu Asp
145 150 155 160
Gly Val Asn Tyr Ala Thr Gly Asn Leu Pro Gly Cys Ser Phe Ser Ile
165 170 175
Phe Leu Leu Ala Leu Leu Ser Cys Leu Thr Val Pro Ala Ser Ala
180 185 190

<210> 5
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223>Description of Artificial Sequence:/Note =
synthetic construct

<400> 5
tcatgggta cataccggcg gtc

23

<210> 6
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223>Description of Artificial Sequence:/Note =
synthetic construct

<400> 6
tccaagaggg gcgccgaccg ccg

23

<210> 7
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223>Description of Artificial Sequence:/Note =
synthetic construct

<400> 7
aagactgcta gccgagtagt g

21

<210> 8
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223>Description of Artificial Sequence:/Note =
synthetic construct

<400> 8
cacaatactc gagttagggc

20